



PATENT APPLICATION

Assistant Commissioner for Patents
 Box **Patent Application**
 Washington, D. C. 20231

Sir:

Enclosed herewith for filing is the following utility patent application.

Applicant(s): Ajit Kumar Reddy
 Title of application: DIGITAL CARRIERLESS AMPLITUDE AND PHASE
 MODULATION TRANSMITTER USING VECTOR
 ARITHMETIC STRUCTURE (VAS)
 Pages of specification: 14 (9 + 3 pages of claims and 1
 page abstract and cover page)
 Sheets of drawing: 4 (informal)
 Executed on:
 Attorney Docket No.: Reddy 1

PATENT APPLICATION FILING FEE CALCULATION

| | <u>No. Filed</u> | <u>Less</u> | <u>Rate/Claim</u> | <u>Fee</u> |
|--|------------------|-------------|-------------------|------------------|
| Total Claims | 16 | -20 | 0 x \$18.00 | \$ 000.00 |
| Independent Claims | 2 | - 3 | 0 x \$80.00 | \$ 000.00 |
| Minimum Filing Fee | | | | \$ 710.00 |
| Multiple Dependency Fee (if applicable - \$270.00) | | | | \$ 000.00 |
| Total Filing Fee (Large Entity) | | | | \$ 710.00 |
| 50% Reduction for Small Entity (Independent Inventor, Non-profit Corporation, or Small Business Concern) - appropriate verified statement attached | | | | - \$ 000.00 |
| TOTAL FILING FEE DUE | | | | \$ 710.00 |

Kindly charge the entire and/or any additional filing fee,
 and fees pursuant to 37 C.F.R. 1.16 and 37 C.F.R. 1.17 during the
 pendency of this application, as appropriate, to Lucent

Technologies, Inc. deposit account number 12-2325. To facilitate that charge, a duplicate copy of this letter is enclosed herewith. Please also credit any overpayment of fees to deposit account number 12-2325.

Also enclosed herewith for filing in connection with the enclosed application are:

 Oath;
XX Declaration and Power of Attorney;
 Disclosure Statement;
 Letter referencing previously filed disclosure document; number filed ;
 Verified Statement claiming small entity status;
XX An assignment of the application to: Lucent Technologies Inc. (with assignment recordation cover sheet);
 Claim(s) to priority
 Serial Number Filing date
 A certified copy of a patent application or inventor's certificate, filed and serial no. , upon which a claim to priority is made;
XX Other: Postal Card Receipt

Respectfully submitted,

6/5/01
EJ Wall
Eamon J. Wall, Attorney
Reg. No. 39,414

CUSTOMER #26,291
Thomason, Moser & Patterson, LLP
Attorneys At Law
595 Shrewsbury Avenue, Suite 100
Shrewsbury, New Jersey 07702

EXPRESS MAIL CERTIFICATION

"Express Mail" mailing label number: EL728298075US

Date of deposit: June 5, 2001

I hereby certify that this patent application and related papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents, Box Patent Application, Washington, D.C. 20231.

Carol Wilson
Signature of person mailing paper or fee

CAROL Wilson
Name of person mailing paper or fee

0602436-060501